UltraTack **ASLAN DFP 07**

Polymeric softened, glossy digital printing film extra strong adhesion for difficult surfaces

With extra strong adhesion, this glossy, polymeric softened digital printing film is perfect for long-term applications requiring rock-solid, permanent adhesion. Even on the trickiest surfaces, such as non-polar, uneven or highly absorbent ones, the film ensures a perfect bond. The silicone paper liner, PE-coated on both sides, provides high resistance to moisture and heat and guarantees optimum printing results.

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To significantly extend the life of your prints, we recommend our PremiumProtect ASLAN SL 17 and PremiumProtect Matt ASLAN SL 18 laminates. They are ideal for use with the UltraTack range and offer protection from UV-rays, the weather and mechanical wear.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

Construction

Face film:	PVC, polymeric	
Thickness:	~ 75 µm (3 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 35 g/m²
Release liner:	double sided PE coated paper	square weight: ~ 140 g/m²

Characteristics

Adhesive strength (ASTM D903):	immediately: after 1 week:	~ 12,5 N/25mm ~ 22 N/25mm
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	max. -0,45%
Chemical resistance:	In a preece test of 24 hours the applied film is resistant to most petroleum based oils, greases and aliphatic solvents, mild acids, alkalis and salts.	
Light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale)
Combustibility:	Classified to Euroclass flame retardant standard DIN EN 13501-1: B-s1, d0	
Toy safety:	Classified to the standard for toy safety DIN EN 71- 3	
Temperature:	application temperature: service temperature range:	min 5 °C (41 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 7 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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ASLAN®
KOMPETENZ IN SELBSTKLEBEFOLIEN

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Processing

Printability:

The material is printable with solvent, eco-solvent, UV-curable and latex inks as well as with screen printing inks. In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.

Application:

Application dry or wet. If applied wet, a possible whitening of the adhesive occurs, but will fade away after a couple of days depending on the weather.

The UltraTack series has been developed for bonding to low-energy substrates and other difficult surfaces. For non-stick coated substrates, such as trailer box bodies made of coated plywood panels, we recommend using MonsterTack ASLAN DFP 05 with its even stronger adhesive. In all cases, we recommend a test application, as no guarantee can be given for any form of paint, non-stick coatings etc.

For wet applications we recommend the transfer liquid ASLAN TL10.
For the application of letterings etc. we recommend our ASLAN application tapes respectively the ASLAN TMO.

Storage:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely designed `hanging´ racks.

State 3|2024

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.

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